

Title (en)  
HORIZONTAL SHAFT IMPACT CRUSHER

Title (de)  
PRALLBRECHER MIT HORIZONTALER DREHACHSE

Title (fr)  
BROYEUR À IMPACT À AXE HORIZONTAL

Publication  
**EP 2558206 B1 20210714 (EN)**

Application  
**EP 11706819 A 20110304**

Priority  
• SE 1050377 A 20100416  
• EP 2011053346 W 20110304

Abstract (en)  
[origin: US2011253822A1] A horizontal shaft impact crusher, including a crusher housing having an inlet for material to be crushed and an outlet for material that has been crushed. An impeller is mounted on a horizontal shaft in the crusher housing and is operative for rotating around a horizontal axis. Material to be crushed is accelerated by the impeller against a curtain. An adjustment device is provided for adjusting the position of the curtain relative to the impeller. The crusher housing includes at least two guide rails to which the adjustment device is slidably connected. A retaining device is arranged to hold, with a predetermined holding force, the adjustment device in a crusher operation position relative to the guide rails. The adjustment device is movable along the guide rails from the crusher operation position and away from the impeller in response to an excessive force being transferred from the curtain to the adjustment device and exceeding the predetermined holding force.

IPC 8 full level  
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CPC (source: EP SE US)  
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WO 2011129742 A1 20111020 - SANDVIK INTELLECTUAL PROPERTY [SE], et al

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CA 2793262 A1 20111020; CA 2793861 A1 20111020; CL 2012002831 A1 20130517; CL 2012002832 A1 20130517; CN 102834178 A 20121219;  
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EP 2558208 A4 20160511; EP 2558208 B1 20170510; EP 3563932 A1 20191106; SE 1050377 A1 20111017; SE 534783 C2 20111220;  
US 2013146692 A1 20130613; US 8967504 B2 20150303; WO 2011128155 A1 20111020; WO 2011129744 A1 20111020;  
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CN 201180019393 A 20110304; CN 201180019400 A 20110324; EA 201291051 A 20110304; EA 201291053 A 20110324;  
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